

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026483**Date Inspected:** 10-Oct-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** William Norris**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI received informal weekly welding report package 83 for cursory review. The QAI also met with the Quality Control Inspector (QCI) William Norris and discussed the corrections identified for welding report packages 80, 81 & 82. There was general agreement that the magnetic particle inspection reports will need to be revised to indicate which face of weld was inspected. The QAI was informed that other corrections are pending and these reports will be submitted for formal review when possible. The QAI began reviewing welding report package 83 for conformance with the contractor requirements. This work was in progress at the end of the shift.

The QAI assisted the Structural Materials Representative (SMR) Bahjat Dagher in conducting a bolt survey on OBG segments 14E and 14W. The QAI referenced the request for information (RFI) TC-RFI-348R9 and made photos / notes of the observation. The QAI noted that the contractor is installing the Parallel Wire Strand (PWS) anchor rods into OBG 14E and there is limited safe access to verify the condition of the RFI. The QAI relayed the findings to the SMR.

Summary of Conversations:

The QAI relayed the status of document reviews to the QAI Lead Bill Levell. The QAI relayed the observations / findings of the RFI survey to the SMR Bahjat Dagher. Except as described above, there were no other notable conversations.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
